UTAH DEPARTMENT OF TRANSPORTATION

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Pre-cast Concrete

Because precast concrete products typically are produced in a controlled environment, they exhibit high quality and uniformity. Precast concrete products arrive at the jobsite ready to install.

There is no need to order raw materials such as reinforcing steel and concrete, and there is no need to expend time setting up forms, placing concrete or waiting for the concrete to cure.

Pre-Qualification: Precast concrete items used on UDOT projects are required to be from pre-qualified suppliers. Suppliers are qualified through the Pre-stressed/Pre-cast Concrete Quality Management Plan. This plan is managed and maintained by UDOT Central Materials. The Plant Certification Program assures a uniform high degree of excellence in plant facilities, production, processes, and quality control operations. One standard of quality is set for all precast concrete products, effectively leveling the playing field for all plants wishing to supply products to the project. A listing of precast concrete qualified suppliers can be found at: http://www.udot.utah.gov/mtl/qualified_suppliers.asp

Acceptance Procedures: All precast concrete suppliers are required to maintain current certification through the National Precast Concrete Association (NPCA) or the Pre-cast/Pre-stressed Concrete Institute (PCI), depending upon the product type being fabricated. Certain personnel certifications such as UDOT's TTQP qualifications and PCI personnel requirements also apply. Consult the UDOT 505 Quality Management Plan for details. Central Materials also performs one plant inspection per year to review and verify national certification and UDOT requirements.

FURTHER INFORMATION

UDOT CONTACTS

Engineer for Materials, (801) 633-6259
UDOT Concrete Engineer, (801) 965-3814
UDOT Concrete Inspection Manager, (385) 226-2457

OTHER CONTACT

National Precast Concrete Association, http://precast.org/
Precast/Pre-stressed Concrete Institute, http://www.pci.org